

### **AMENDMENTS TO THE CLAIMS**

The following listing of claims will replace all prior versions and listings of claims in the application.

#### **LISTING OF CLAIMS**

1. (currently amended) An apparatus adapted to be connected to a thermostat sub-base assembly in connection with an HVAC system, the apparatus comprising:

a connector configured to be releasably connectable to the sub-base assembly;  
and

a temperature-actuated ~~switching means for mechanically switching~~ switch that actuates, independent of any electrical power, when exposed to an ambient temperature below a predetermined temperature, where the switch connects power supplied from a first connection on the sub-base to a second connection on the sub-base so as to enable heating operation of the HVAC system when the switching means is exposed to an ambient temperature below a predetermined temperature.

2. (original) The apparatus of claim 1, further comprising a housing that covers the connector and connection to the sub-base assembly so as to prevent damage or entry of unwanted materials.

3. (currently amended) The apparatus of claim 2, further comprising a second temperature actuated ~~switching means for mechanically switching~~ switch that actuates, independent of any electrical power, when exposed to an ambient temperature above a second predetermined temperature, where the switch connects power supplied from a third connection on the sub-base to a fourth connection and fifth connection on the sub-

base so as to enable cooling operation of the HVAC system when the second switching means is exposed to an ambient temperature above a second predetermined temperature.

4. (currently amended) An apparatus adapted to be connected to a thermostat sub-base assembly having a plurality of connector pins in connection with an HVAC system, the apparatus comprising:

a connector configured to be releasably connectable to the connector pins on the sub-base assembly; and

a temperature-actuated ~~switching means for mechanically switching~~ switch that actuates, independent of any electrical power, when exposed to an ambient

temperature below a predetermined temperature, where the switch connects

power supplied from a first connector pin on the sub-base to a second connector pin on the sub-base so as to enable heating operation of the HVAC system when the switching means is exposed to an ambient temperature below a predetermined temperature.

5. (original) The apparatus of claim 4, further comprising a housing that covers the connector and connector pins of the sub-base assembly so as to prevent damage or entry of unwanted materials.

6. (currently amended) The apparatus of claim 5, further comprising a second temperature actuated ~~switching means for mechanically switching~~ switch that actuates, independent of any electrical power, when exposed to an ambient temperature above a second predetermined temperature, where the switch connects power supplied from a

third connector pin on the sub-base to a fourth connector pin and fifth connector pin on the sub-base so as to enable cooling operation of the HVAC system when the second switching means is exposed to an ambient temperature above a second predetermined temperature.

7. (currently amended) An apparatus adapted to be connected to a thermostat sub-base assembly having a plurality of connector pins associated with a plurality of terminals for connecting to an HVAC system, the apparatus comprising:

a connector configured to be releasably connectable to the connector pins on the sub-base assembly; and

a temperature-actuated ~~switching means for mechanically switching~~ switch that actuates, independent of any electrical power, when exposed to an ambient temperature below a predetermined temperature, where the switch connects

power supplied from a first connector pin on the sub-base to a second connector pin on the sub-base so as to enable heating operation of the HVAC system when the switching means is exposed to an ambient temperature below a non-adjustable predetermined temperature.

8. (original) The apparatus of claim 7, further comprising a housing that covers the connector and connector pins of the sub-base assembly so as to prevent damage or entry of unwanted materials.

9. (currently amended) The apparatus of claim 8, further comprising a second temperature actuated ~~switching means for mechanically switching~~ switch that actuates,

independent of any electrical power, when exposed to an ambient temperature above a second predetermined temperature, where the switch connects power supplied from a third connector pin on the sub-base to a fourth connector pin and fifth connector pin on the sub-base so as to enable cooling operation of the HVAC system when the second switching means is exposed to an ambient temperature above a second non-adjustable predetermined temperature.

10. (currently amended) An apparatus in combination with a thermostat sub-base assembly having a plurality of connector pins associated with a plurality of terminals for connecting to an HVAC system, the apparatus comprising:

a connector configured to be releasably connectable to the connector pins on the sub-base assembly;

a temperature-actuated ~~switching means for mechanically switching~~ switch that actuates, independent of any electrical power, when exposed to an ambient temperature below a predetermined temperature, where the switch connects power supplied from a first connector pin on the sub-base to a second connector pin on the sub-base so as to enable heating operation of the HVAC system when the switching means is exposed to an ambient temperature below a non-adjustable predetermined temperature; and

a housing that covers the connector and connection pins of the sub-base assembly so as to prevent damage or entry of unwanted materials.

11. (currently amended) The apparatus of claim 10, further comprising a second temperature actuated ~~switching means for mechanically switching~~ switch that actuates,

independent of any electrical power, when exposed to an ambient temperature above a second predetermined temperature, where the switch connects power supplied from a third connector pin on the sub-base to a fourth connector pin and fifth connector pin on the sub-base so as to enable cooling operation of the HVAC system when the second switching means is exposed to an ambient temperature above a second non-adjustable predetermined temperature.

12. (currently amended) The apparatus of claim 10, wherein the apparatus provides control temperature actuated switching of an HVAC system independent of a battery or external power source.

13. (original) The apparatus of claim 10, wherein the sub-base comprises eight connector pins and the connector is a socket connector configured to be releasably connectable to the eight connector pins.